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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 09546031 Filing Date 2000-04-10 First Named Inventor Christopher Keith Art Unit 3628 Examiner Name Clement B. Graham Attorney Docket Number IVEN125461

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	1	3702007	A	1972-10-31	Davis II	
	2	4346442	A	1982-08-24	Musmanno	
	3	4376978	A	1983-03-15	Musmanno	
	4	4456957	A	1984-06-26	Schieltz	
	5	4823265	A	1989-04-18	Nelson	
	6	5077665	A	1991-12-31	Silverman	
	7	5101353	А	1992-03-31	Lupien	
	8	5148365	А	1992-09-15	Dembo	

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INFORMATIO	N DISCLOSURE
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9	5253165	A	1993-10-12	Leiseca	
10	5297031	A	1994-03-22	Gutterman	
11	5297032	A	1994-03-22	Trojan	
12	5412804	Α	1995-05-02	Krishna	
13	5453601	Α	1995-09-26	Rosen	
14	5615269	Α	1997-03-25	Micali	
15	5689652	Α	1997-11-18	Lupien	
16	5787402	Α	1998-07-28	Potter	
17	5845266	Α	1998-12-01	Lupien	
18	5847845	Α	1998-12-08	Takahashi	
19	5915245	A	1999-06-22	Patterson, Jr.	
17	5845266 5847845	A	1998-12-01 1998-12-08	Lupien Takahashi	

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20	5924083	A	1999-07-13	Silverman	
21	5953707	Α	1999-09-14	Huang	
22	5983200	Α	1999-11-09	Slotznick	
23	6029146	А	2000-02-22	Hawkins	
24	6035289	А	2000-03-07	Chou	
25	6068117	A	2000-05-30	Koehn	
26	6101484	А	2000-08-08	Halbert	
27	6131087	A	2000-10-10	Luke	
28	6160204	Α	2000-12-12	Steffens	
29	6285989	B1	2001-09-04	Shoham	
30	6317727	B1	2001-11-13	May	

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## STATEMENT BY APPLICANT

31	6317728	B1	2001-11-13	Kane	
32	6321212	B1	2001-11-20	Lange	
33	6343278	B1	2002-01-29	Jain	
34	6359633	B1	2002-03-19	Balasubramaniam	
35	6408282	B1	2002-06-18	Buist	
36	6421653	B1	2002-07-16	May	
37	6493682	B1	2002-12-10	Horrigan	
38	6601044	B1	2003-07-29	Wallman	
39	6625583	B1	2003-09-23	Silverman	
40	6629082	B1	2004-09-30	Hambrecht	
41	6792399	В1	2004-09-14	Phillips	

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	1	Board of Trade of the City of Chicago, Commodity Trading Manual, 1998, pp. 178-179, 387.									
	2	Hull, J.C., Introduction to Futures & Options Markets, 2d ed., Prentice Hall, Englewood Cliffs, N.J., 1995, pp. 4-6, 11, 26, 33-34.									
	3	Livingston, M., Bonds and Bond Derivatives, Blackwell Publishers Inc., Malden, Mass., 1999, pp. 38-41.									

Receipt date: 10/13/2006  INFORMATION DISCLOSURE			Application Number		09546031 - GAU: 3696				
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	4			Stock," The Salt Lake Tribun ode=1&sid=21&Fmt=3>[ref			uest.umi.com/p	qdweb?	
	5	"Streamer Free Real-Time Stock Quote Service Registers 12,000 Users," PR Newswire, November 3, 1999, <a href="http://www.findarticles.com/m4PRN/1999_Nov_3/57153236/p1/article.jhtml">http://www.findarticles.com/m4PRN/1999_Nov_3/57153236/p1/article.jhtml</a> [retrieved April 5, 2004].							
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